LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084714.D
Acq On : 1 Feb 2016 17:31
Operator : SJ/IZ
Sample : H1256-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 9036

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.921	66	73	75	rBV	1011645	3016295	32.07%	1.354%
2	4.167	179	182	192	rBV	1319650	1697792	18.05%	0.762%
3	4.887	240	245	247	rBV	3568588	6374666	67.77%	2.862%
4	5.310	280	282	285	rBV	4260034	5274150	56.07%	2.368%
5	5.710	315	317	320	rBV	554118	462641	4.92%	0.208%
6	6.373	371	375	377	rBV	3986044	6065848	64.49%	2.724%
7	6.487	380	385	387	rBV2	4856760	8976267	95.43%	4.030%
8	6.647	397	399	402	rBV	3395923	4543246	48.30%	2.040%
9	6.727	402	406	409	rVV2	4739228	7458953	79.30%	3.349%
10	6.865	416	418	421	rVB	3751473	4088242	43.46%	1.836%
11	7.002	427	430	433	rBV	4123198	6004312	63.83%	2.696%
12	7.139	439	442	445	rBV	2289523	3934853	41.83%	1.767%
13	7.230	447	450	452	rVB	3421456	3878234	41.23%	1.741%
14	7.310	452	457	459	rBV2	4990218	9110092	96.85%	4.091%
15	7.539	474	477	480	rBV	3314785	3714060	39.48%	1.668%
16	8.019	514	519	522	rBV2	4868455	7280625	77.40%	3.269%
17	8.145	527	530	532	rVB	4637570	4679214	49.75%	2.101%
18	8.716	577	580	582	rBV	1683379	2172924	23.10%	0.976%
19	8.773	582	585	586	rVV	151344	196707	2.09%	0.088%
20	8.865	590	593	596	rVB	3631867	3772662	40.11%	1.694%
21	9.082	608	612	614	rBV	6201946	6675382	70.97%	2.997%
22	9.196	619	622	625	rBV	3606717	4900912	52.10%	2.201%
23	9.493	643	648	649	rBV	6357855	8768317	93.22%	3.937%
24	9.550	649	653	655	rVV	2712207	2482101	26.39%	1.114%
25	9.619	655	659	661	rVV	5072411	5943616	63.19%	2.669%
26	9.745	668	670	673	rBV	1194556	1503547	15.98%	0.675%
27	10.191	705	709	711	rBV	7464115	8644350	91.90%	3.881%
28	10.305	715	719	722	rVB	7019520	9406310	100.00%	4.224%
29	10.431	728	730	732	rVB	157277	138445	1.47%	0.062%
30	10.545	736	740	742	rBV	3305436	4213342	44.79%	1.892%
31	10.613	744	746	748	rVB	132940	114257	1.21%	0.051%
32	10.785	757	761	763	rBV	5466707	6842781	72.75%	3.072%
33	10.853	763	767	769	rVB	2652051	3584978	38.11%	1.610%
34	11.231	797	800	801	rBV	1733047	2106860	22.40%	0.946%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084714.D
Acq On : 1 Feb 2016 17:31
Operator : SJ/IZ
Sample : H1256-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 9036

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.254	801	802	804	rVV	4116375	3509904	37.31%	1.576%
36	11.299	804	806	809	rVB	1663219	2266555	24.10%	1.018%
37	11.802	848	850	852	rBV	2954978	2632102	27.98%	1.182%
38	12.442	903	906	908	rBV	5402907	5281210	56.15%	2.371%
39	12.671	923	926	928	rBV	4951726	5329503	56.66%	2.393%
40	12.819	936	939	941	rBV	6255929	6397797	68.02%	2.873%
41	13.860	1027	1030	1031	rBV	4584776	4669255	49.64%	2.097%
42	13.894	1031	1033	1035	rVB	5119959	5536145	58.86%	2.486%
43	14.374	1071	1075	1077	rBV	128409	139430	1.48%	0.063%
44	14.477	1081	1084	1086	rBV	8451770	9383895	99.76%	4.213%
45	14.865	1115	1118	1119	rBV	2968119	3916536	41.64%	1.759%
46	14.888	1119	1120	1123	rVV	2732054	2774512	29.50%	1.246%
47	14.945	1123	1125	1129	rVB	72461	104253	1.11%	0.047%
48	15.243	1148	1151	1153	rBV	857641	972222	10.34%	0.437%
49	15.277	1153	1154	1158	rVB	76110	112844	1.20%	0.051%
50	15.665	1186	1188	1192	rVB	68186	112191	1.19%	0.050%
51	16.111	1224	1227	1233	rVB	65644	121353	1.29%	0.054%
52	16.557	1260	1266	1269	rBV	1892510	3822613	40.64%	1.716%
53	16.637	1271	1273	1281	rVB2	47314	102858	1.09%	0.046%
54	16.980	1294	1303	1306	rBV	2642883	7500205	79.74%	3.368%

Sum of corrected areas: 222712364

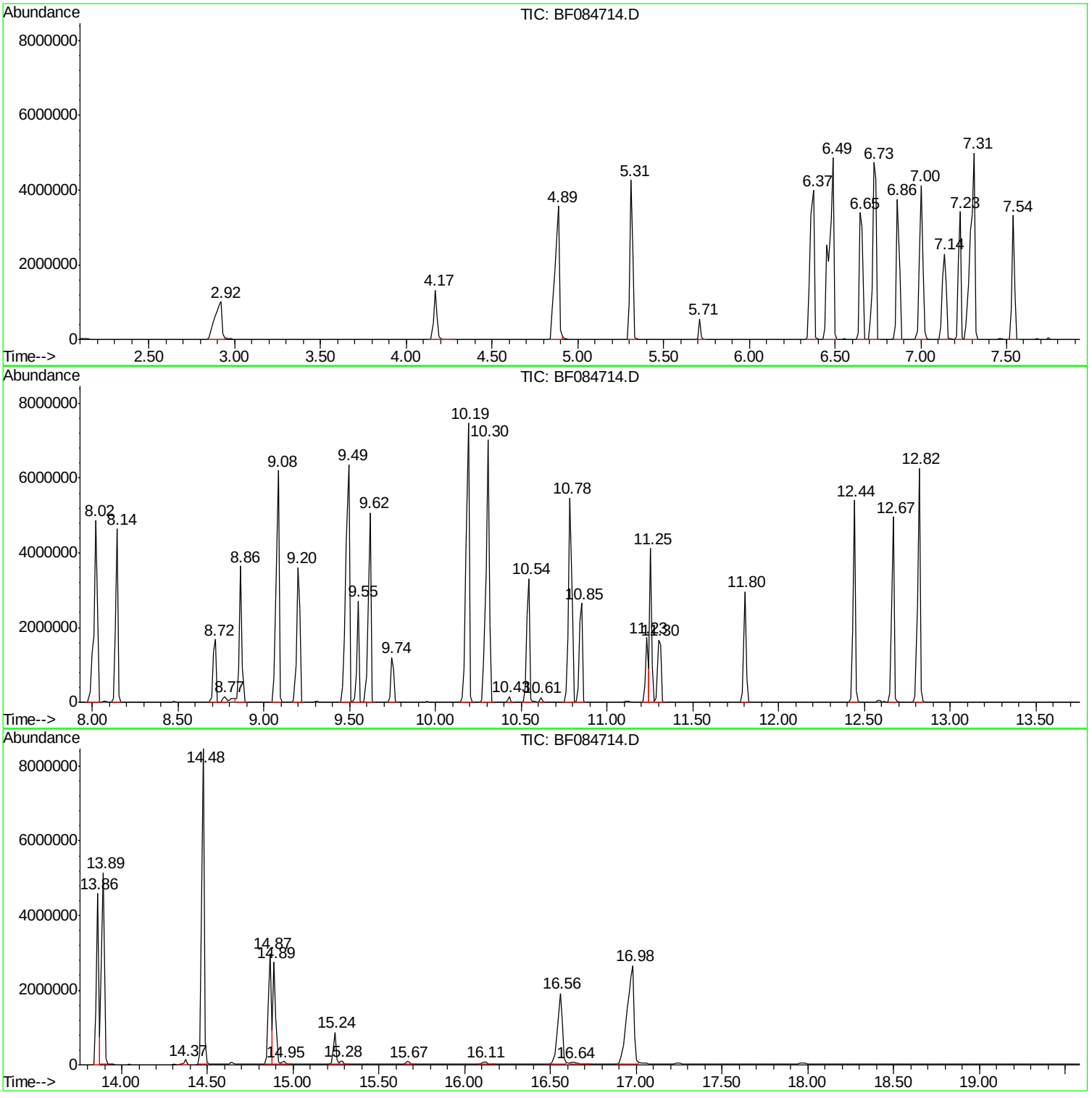
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084714.D
Acq On : 1 Feb 2016 17:31
Operator : SJ/IZ
Sample : H1256-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 9036

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084714.D
Acq On : 1 Feb 2016 17:31
Operator : SJ/IZ
Sample : H1256-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 9036

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

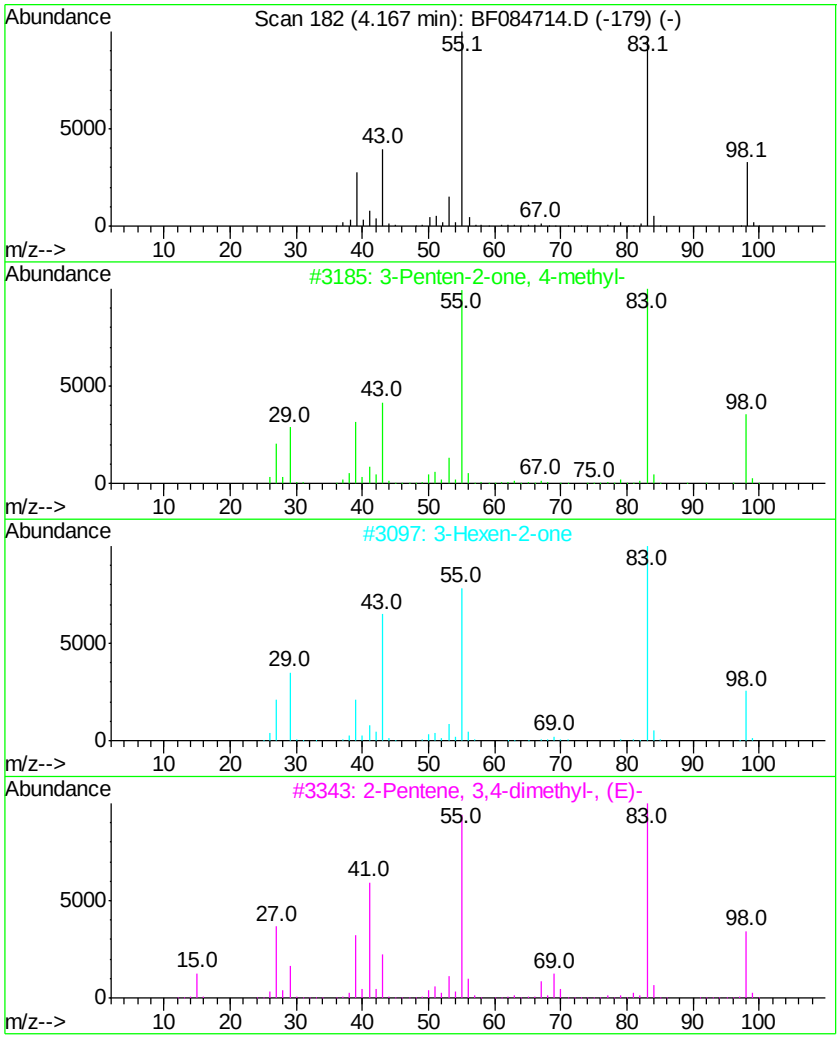
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

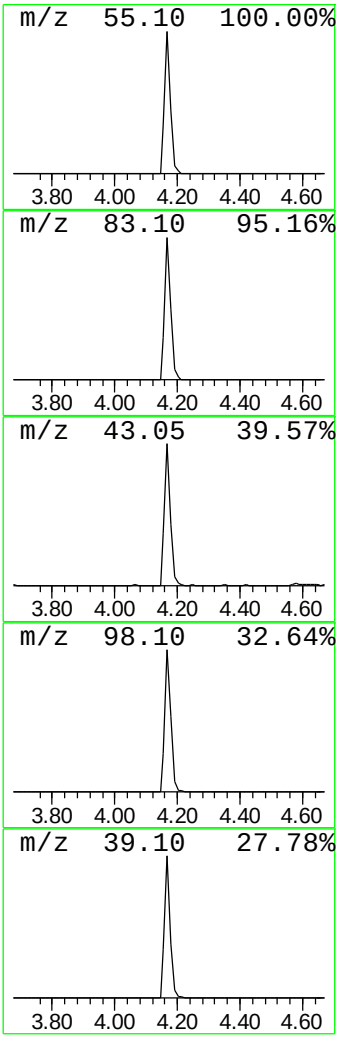
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.17	4.55 ng	1697790	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084714.D
Acq On : 1 Feb 2016 17:31
Operator : SJ/IZ
Sample : H1256-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 9036

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

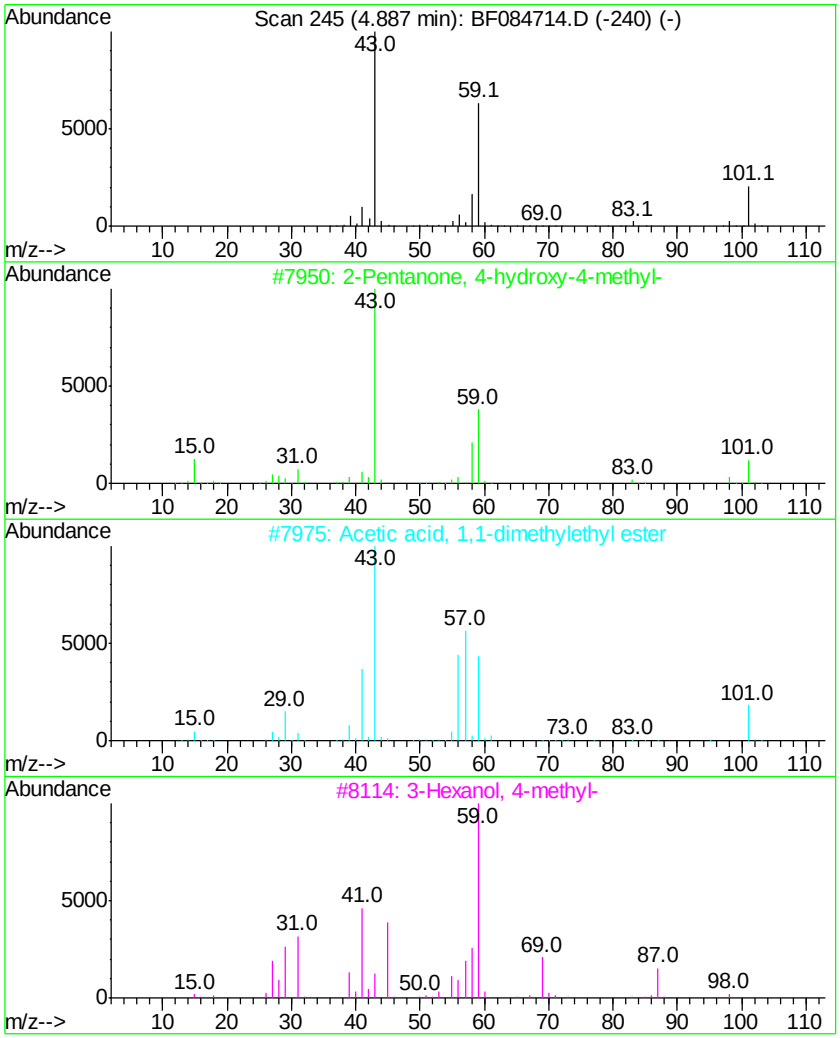
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

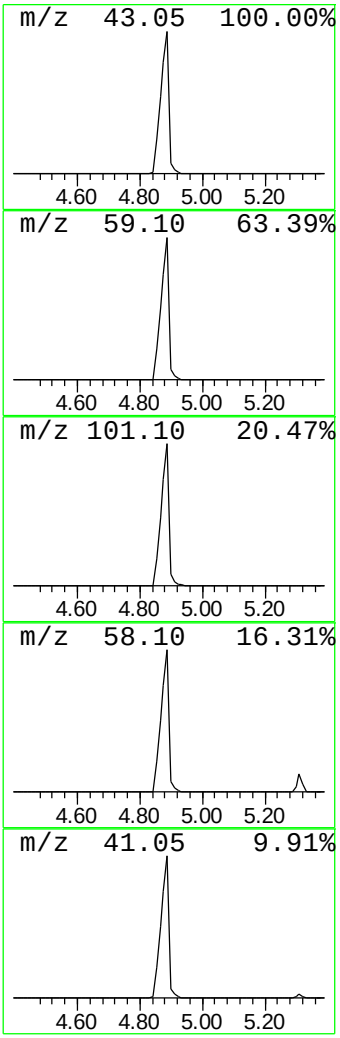
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	17.09 ng	6374670	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084714.D
Acq On : 1 Feb 2016 17:31
Operator : SJ/IZ
Sample : H1256-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 9036

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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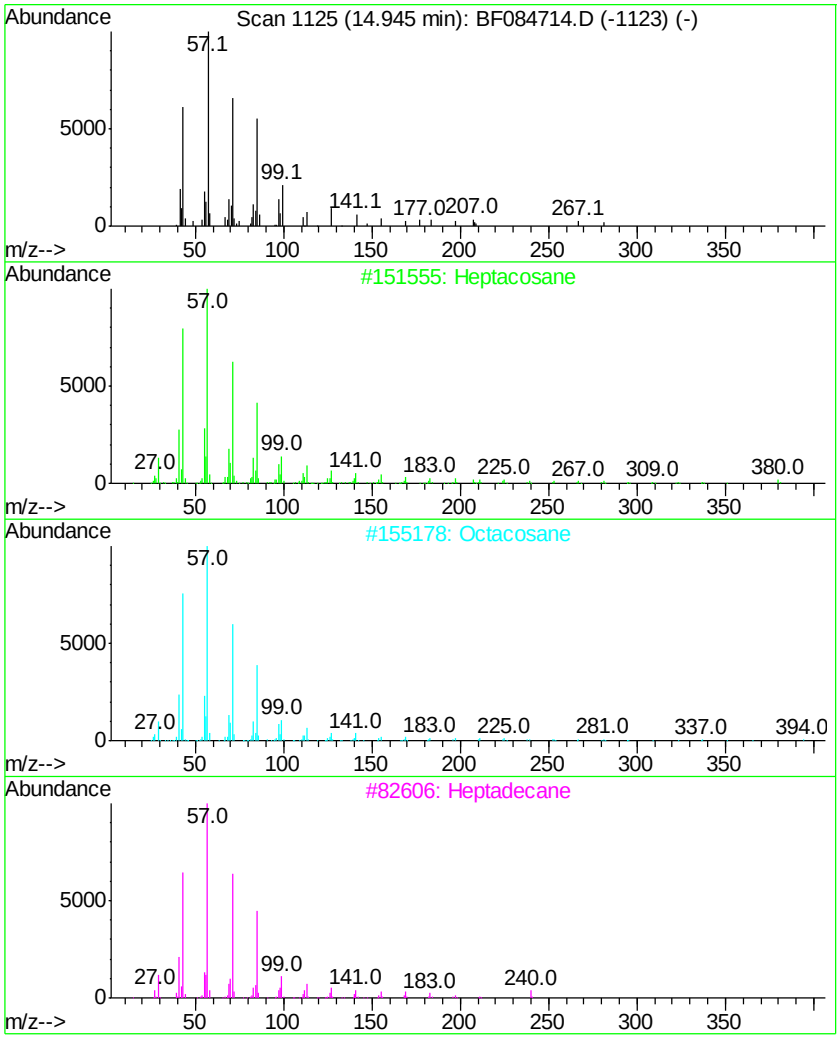
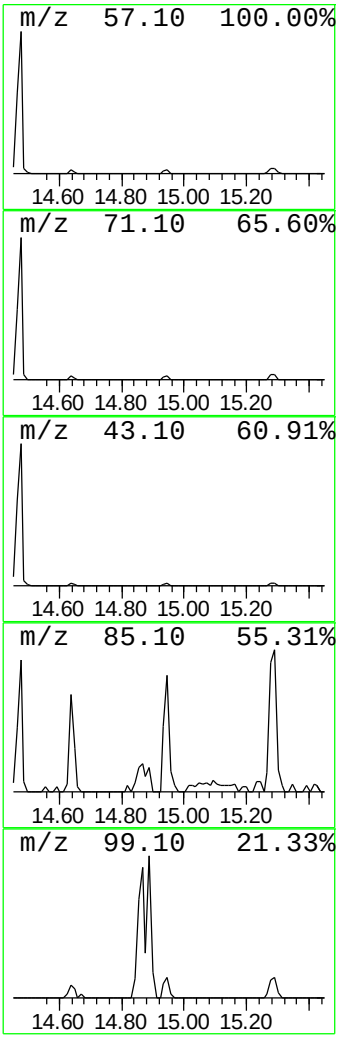
Peak Number 4 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.14 ng	104253	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	76
2	Octacosane	394	C28H58	000630-02-4	74
3	Heptadecane	240	C17H36	000629-78-7	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Nonacosane	408	C29H60	000630-03-5	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084714.D
Acq On : 1 Feb 2016 17:31
Operator : SJ/IZ
Sample : H1256-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 9036

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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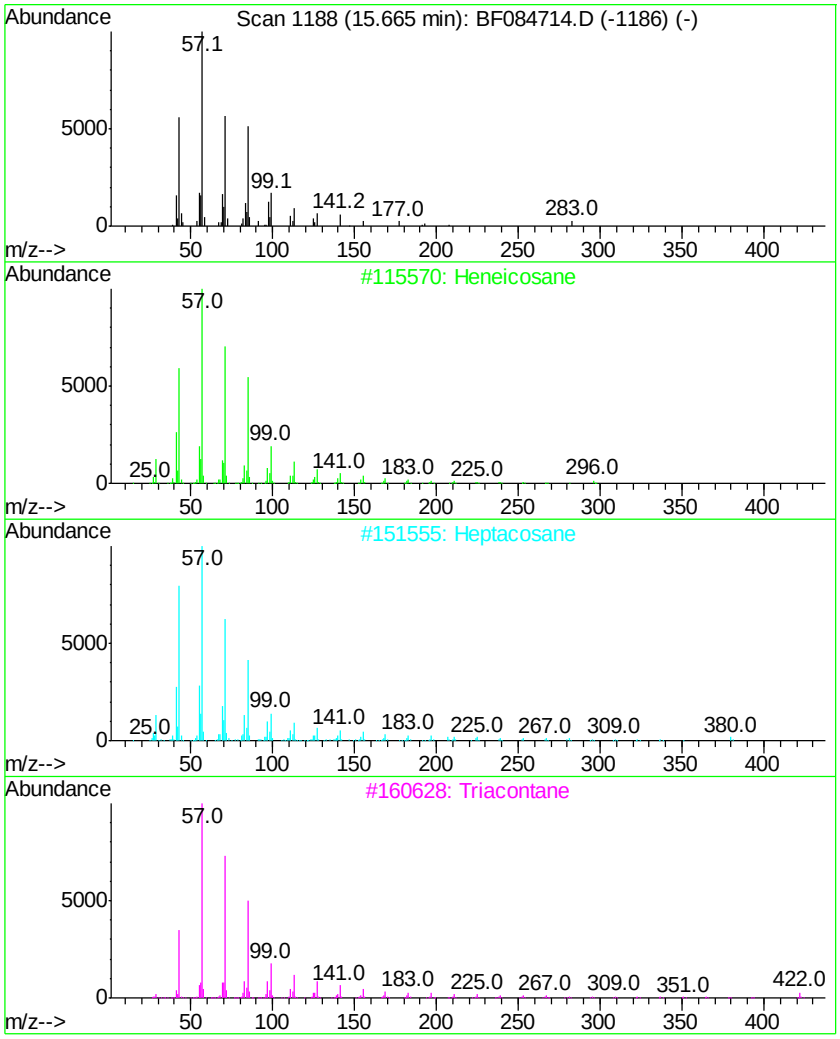
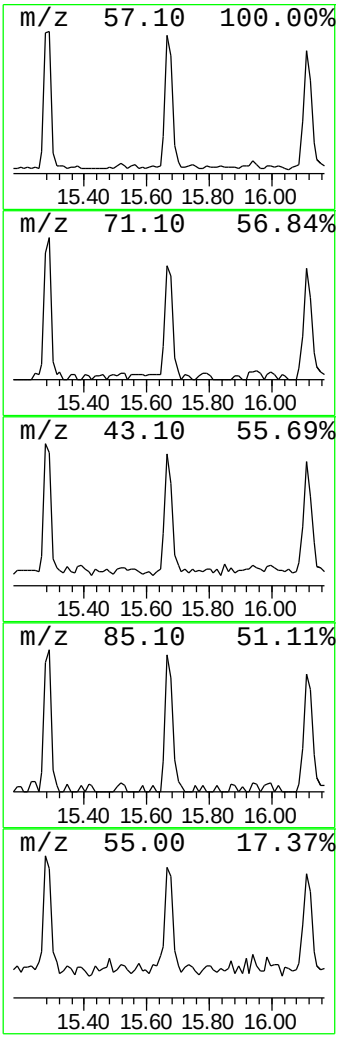
Peak Number 5 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	2.31 ng	112191	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Triacontane	422	C30H62	000638-68-6	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084714.D
Acq On : 1 Feb 2016 17:31
Operator : SJ/IZ
Sample : H1256-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 9036

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

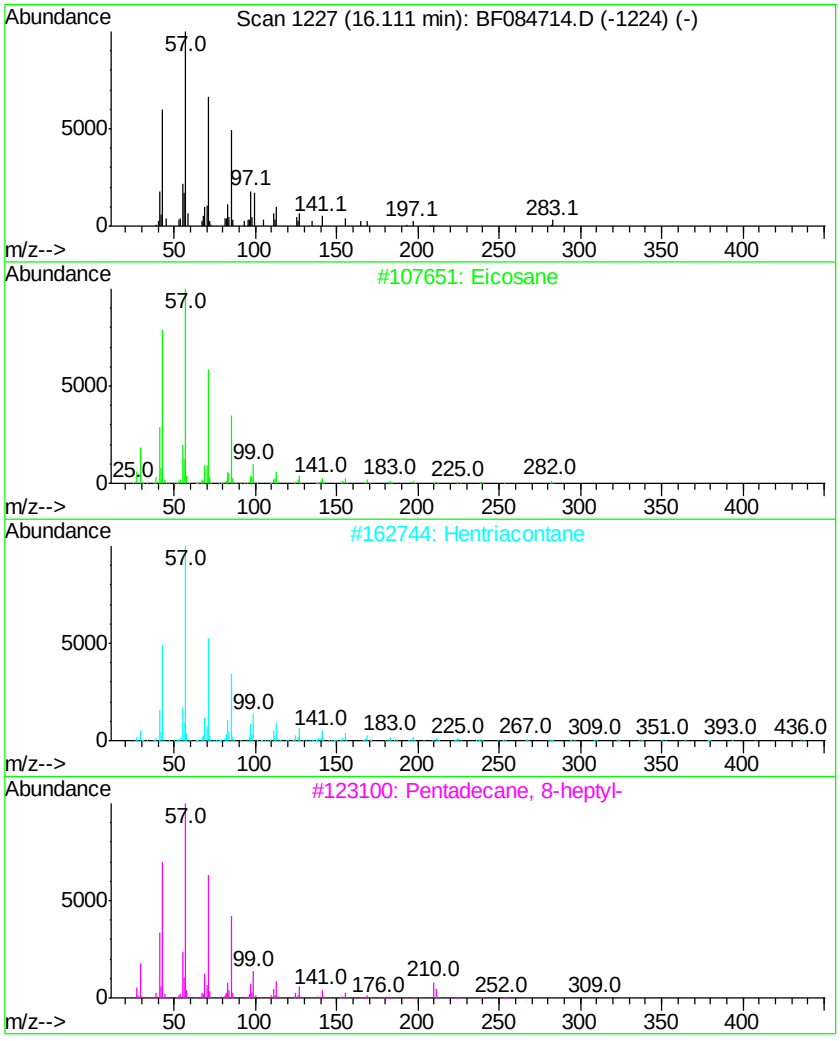
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

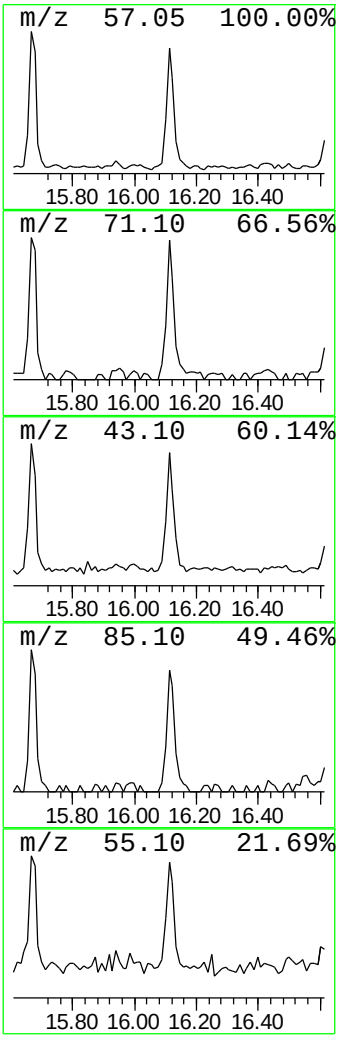
****

Peak Number 6 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	2.50 ng	121353	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Pentadecane	212	C15H32	000629-62-9	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084714.D
Acq On : 1 Feb 2016 17:31
Operator : SJ/IZ
Sample : H1256-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 9036

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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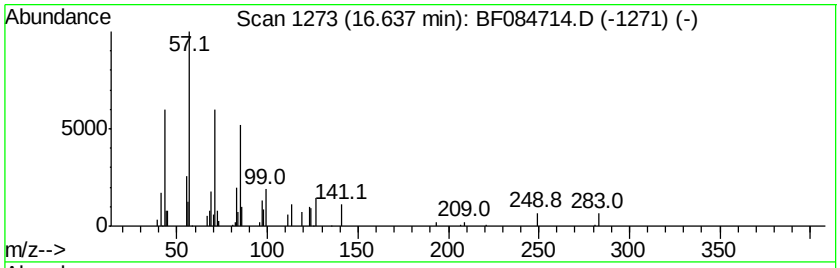
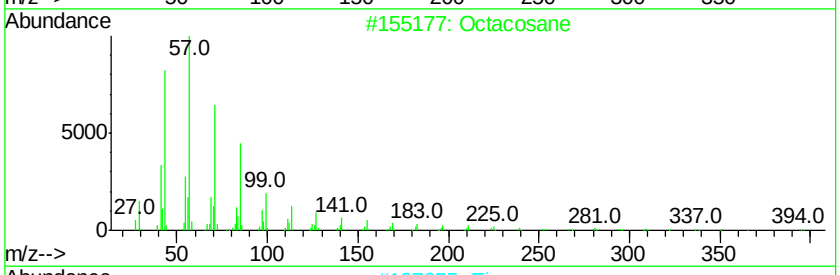
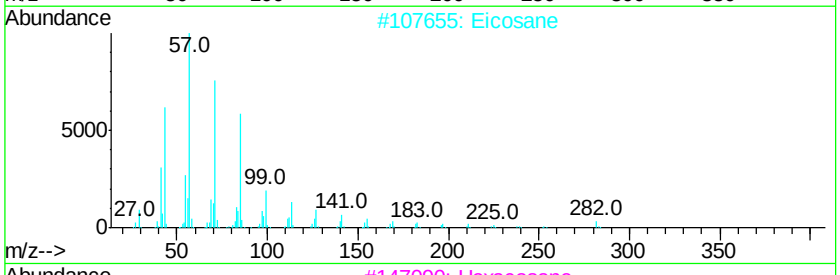
Peak Number 7 Octacosane Concentration Rank 7

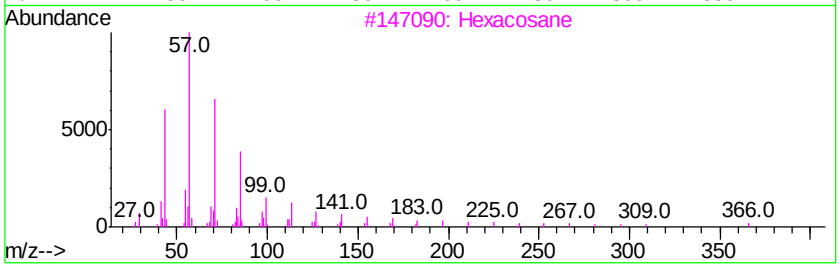
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	2.12 ng	102858	Perylene-d12	15.24

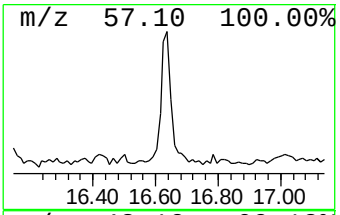
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	72
2	Eicosane	282	C20H42	000112-95-8	72
3	Hexacosane	366	C26H54	000630-01-3	72
4	Pentacosane	352	C25H52	000629-99-2	72
5	Heptacosane	380	C27H56	000593-49-7	64

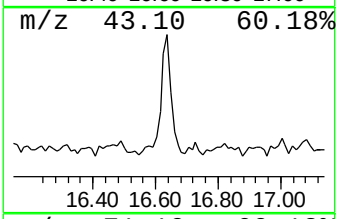


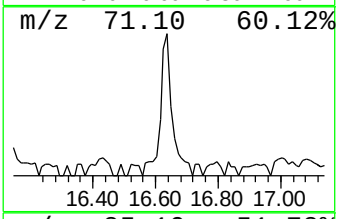


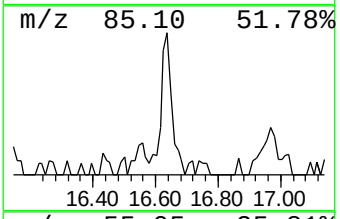


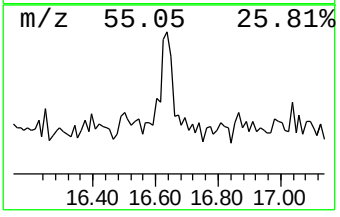












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084714.D
Acq On : 1 Feb 2016 17:31
Operator : SJ/IZ
Sample : H1256-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 9036

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.17	4.5	ng	1697790	1	6.72	7458950	20.0
2-Pentanone, 4-hy...	4.89	17.1	ng	6374670	1	6.72	7458950	20.0
Heptacosane	14.95	2.1	ng	104253	6	15.24	972222	20.0
Heneicosane	15.67	2.3	ng	112191	6	15.24	972222	20.0
Eicosane	16.11	2.5	ng	121353	6	15.24	972222	20.0
Octacosane	16.64	2.1	ng	102858	6	15.24	972222	20.0